

7<sup>TH</sup> WORLD CONGRESS ON

# PETROCHEMISTRY AND CHEMICAL ENGINEERING

NOVEMBER 13-14, 2017 | ATLANTA, USA



**Conference Series LLC Ltd**

47 Churchfield Road, London, UK, W3 6AY, Toll Free: +1-800-014-8923

09:00-9:30 Registrations

Conference Hall Name: WILLOW

conference**series**.com 09:30-10:00

## Opening Ceremony

### Keynote Forum

**10:00-10:45** Title: Transition Metal Sulfide (TMS) catalytic materials for solar catalytic reforming of methane and CO<sub>2</sub>: *Quench the Flare*  
Russell R Chianelli, University of Texas at El Paso, USA

Networking & Refreshment Break 10:45-11:05 @ Piedmont Prefunction

**11:05-11:50** Title: The role of science in developing enhanced oil & gas resources, being environmentally sound and protecting water use  
Davis L Ford, University of Texas at Austin, USA

Panel Discussion 11:50-12:00

Group Photo @ WILLOW

#### Sessions:

Chemical Applications in Producing Oil and Gas | Production Technology and Separation Techniques | Process Chemistry & Technology | Recent advances in Petrochemistry

Session Chair: Venko Beschkov, Bulgarian Academy of Sciences, Bulgaria

Session Introduction

**12:00-12:30** Title: Bioethanol production from food and agricultural waste and its applications  
Venko Beschkov, Bulgarian Academy of Sciences, Bulgaria

**12:30-13:00** Title: Magmatism in western India  
Dalim Paul, Indian National Science Academy, India

Panel Discussion

Lunch Break 13:00-14:00 @ Ballroom Prefunction

**14:00-14:30** Title: Chemical characterization of coke fouling from pipeline, refinery and upgrader process units  
Shank Roxanne A, Clean Harbors Energy & Industrial Services, Canada

**14:30-15:00** Title: Desulphurization of heavy crude oil by irradiation process  
Adango Miadonye, Cape Breton University, Canada

Panel Discussion 15:00-15:20

Video Presentation

**15:20-15:40** Title: A review on biological production of bio hydrogen from organic substrates  
Milton M M'Arimi, MOI University, Kenya

Panel Discussion

Networking & Refreshment Break 15:40-16:10 @ Ballroom Prefunction

Day 1 Concludes...

**Keynote Forum**

10:00-10:45 **Title: Transient analysis of industrial scale low-profile multi-point ground flares**  
Joseph D Smith, Missouri University of Science and Technology, USA

**Networking & Refreshment Break 10:45-11:05 @ Piedmont Prefunction**

11:05-11:50 **Title: Solar water splitting with polyoxometalates**  
Craig L Hill, Emory University, USA

**Sessions:**

**Chemical Applications in Producing Oil and Gas | Process Chemistry & Technology | Renewable Energy and Feedstock**

**Session Chair: Fasiu A Oluwole, University of Maiduguri, Nigeria**

**Session Introduction**

11:50-12:20 **Title: Biodiesel yield of oil from four varieties of pre-treatment castor seeds (*Ricinus Communis*)**  
Fasiu A Oluwole, University of Maiduguri, Nigeria

12:20-12:50 **Title: Integrated catalytic membrane reactor process for CO<sub>2</sub> reforming of methane [YRF presentation]**  
Ifeyinwa Orakwe, Robert Gordon University, United Kingdom

**Panel Discussion 12:50-13:00**

**Lunch Break 13:00-14:00 @ Ballroom Prefunction**

14:00-14:30 **Title: *In-situ* biodiesel production from wet *Chlorella vulgaris* under subcritical conditions**  
Yeshitila Asteraye Tsigie, National Taiwan University of Science and Technology, Taiwan

14:30-15:00 **Title: Prominent parameters in biodiesel production systems**  
Andrew C Eloka-Eboka, University of KwaZulu-Natal, South Africa

**Video Presentations**

15:00-15:20 **Title: Eco-Design of integrate system of drying and separating of olive residues in olive oil industry**  
Abdellatif Lajdel, Universite Hassan Ii Casablanca, Morocco

15:20-15:40 **Title : An investigation on production optimization in a gas reservoir: prospective analysis of Habiganj gas field well no-06**  
Md. Shaheen Shah, Jessore University Of Science And Technology, Bangladesh

15:40-16:00 **Biopolymers-based active edible coatings to improve quality and safety of food products**  
Elena Poverenov, Agricultural Research Organization The Volcani Center, Israel

**Networking & Refreshment Break 16:00-16:20 @ Ballroom Prefunction**

16:20-16:40 **Chemical looping combustion and gasification technologies for production of heat and valuable commodities**  
Ranjan Siriwardane, U.S. Department of Energy, USA

**Panel Discussion**

**Poster Presentations 16:40-17:00 @ Ballroom Prefunction**

PCE 1 **Title: Kerosene degraders justified with gas chromatographic and genetical analyses**  
Bulten Içgen, Middle East Technical University, Turkey

PCE 2 **Title: Catabolic genes dependent detection of aerobic BTEX degraders**  
Bulten Içgen, Middle East Technical University, Turkey

**Day 2 Concludes...**